



NITFS

Compliance Registration



Product: **DigitalGlobe QuickBird 05 (QB05) Collection and Production**

System, Version 6.5

Supplier: **DigitalGlobe**

Developer: **DigitalGlobe**

Date: **09 November 2006**

Expiration: **08 November 2008**

Registration #: **1023**

- ☐ Initial Registration
☒ Supplemental/Update # 101
☐ Derived from Reg. #

☒ **System**
N-0105/98, §4.1.1

☐ **Product**
N-0105/98, §4.1.2

☐ **Component**
N-0105/98, §4.1.3

NITFS Features Implemented:

- Format**
☒ NITF
☒ V2.1
☒ V2.0
☐ V1.1
NSIF
☐ V1.0

- Pixel Value Types**
☐ Boolean
☒ Integer
☐ Signed Integer *
☐ IEEE Real *
☐ IEEE Complex *

- Annotation Segment Types**
☐ BO Mapped **
☐ CGM, 2301
☐ CGM, 2301A
☐ Labels **

- Text Segments**
☒ T1
☐ T1
☐ T8S
☐ TMTF

- Image Segment Types**
☒ MONO
☒ RGB
☐ RGB/LUT
☐ YCbCr
☒ MULTI
☒ DISPL
☐ POLAR

- Image Compression**
☒ Compressed
☐ JPEG Lossy, 8-bit
☐ JPEG Lossy, 12-bit
☐ JPEG Downsampling
☐ JPEG Lossless
☐ JPEG 2000 EPJ
☒ JPEG 2000 NPJ
☐ Bi-Level
☐ Vector Quantization
☐ Multispectral JPEG, Individual Band
☐ Multispectral Multi-Component Compression*

- Data Extension Segments**
☐ TRE OVERFLOW
☐ STREAMING FILE HEADER
☐ Controlled Extensions **
☐ Registered Extensions **

- Tagged Record Extensions**
☐ IAE
☒ SDE
☒ CHIPB
☒ IGEST GeoSDE
☒ CDRD

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

Configurations Tested:

- SGI 2000 with 4 Processors, IRIX 6.5

- Legend**
Interpret
Generate
☒ Fully implemented
☒ Partially implemented
☐ Not implemented

Curtis L. Green, Lt Col, USAF

CURTIS L. GREEN, Lt Col, USAF, Division
Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-
Intelligence Agency for the NITFS Test and
Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.
Potential users should evaluate the detailed test results to determine the suitability of
product for the intended use. Optional NITFS features may not be implemented.